

## ABSTRACT OF THE DISCLOSURE

# METHOD AND SYSTEM FOR REMOTE JAVA AUDIO SERVER IN A HETEROGENEOUS DISTRIBUTED ENVIRONMENT

A method and system for an audio server in a heterogeneous distributed environment is provided. A Java application executes on a host machine under X Windows or RAWT (Remote Abstract Window Toolkit), and the Java application generates audio data and graphic data. The graphic data is sent to a display server on a client machine specified by a display environment variable. Although neither X Windows nor RAWT have audio support, a Java audio driver on the host machine determines whether an audio environment variable or an audio command line parameter is specified on the host machine. In parallel to the graphic data, the audio data is then sent to a Java audio server on the client machine specified by the audio environment variable or the audio command line parameter, and played using the local audio support, in Java, on the client machine on which the user can hear the audio.